

AMENDMENT TO THE CLAIMS

Please amend the claims as follows:

1. (currently amended) An artificial stone product comprising:
a cured thermoset resin;
about 8 percent to about 63 percent (by weight of thermoset resin) of microspheres homogeneously distributed within the thermoset resin; and
at least one member selected from dry temper color, dry mortar, dye, pigment, paint, wood ash, mica, stone particles and glass particles, the at least one member being non-homogeneously distributed in the resin;
wherein the artificial stone product has a density of 1.0 grams per cubic centimeter or less and an appearance characteristic of natural stone.
2. (original) The artificial stone product of claim 1 wherein the cured resin is an polyester resin, and comprising about 22 percent to about 40 percent microspheres (by weight of resin), iron black dry temper color, light buff dry temper color and wood ash.
3. (original) The artificial stone product of claim 1 comprising about 33 percent to about 40 percent microspheres (by weight of resin), iron black dry temper, light buff dry temper and wood ash, wherein the artificial stone material has the appearance of red-brown sandstone.
4. (original) The artificial stone product of claim 1 having a specific gravity of less than 1.
5. (currently amended) An ~~The~~ artificial stone product ~~of claim 1~~ comprising:
a cured thermoset resin;
about 8 percent to about 63 percent (by weight of thermoset resin) of
microspheres; and

at least one member selected from dry temper color, dry mortar, dye, pigment, paint, wood ash, mica, stone particles and glass particles, the at least one member being non-homogeneously distributed in the resin;

wherein the artificial stone product has a density of 1.0 grams per cubic centimeter or less and an appearance characteristic of natural stone and the thermoset resin in a catalyzed state when mixed with the microspheres has a viscosity of about 950×10^6 cps to about 1590×10^6 cps.

6. cancelled

7. cancelled

8. cancelled

9. cancelled

10. (previously presented) An artificial stone material produced by a process comprising:

providing a point of use;

adding a curing agent to a thermoset resin to form a catalyzed resin mixture in the vicinity of the point of use;

adding about 8 percent to about 63 percent (by weight of catalyzed resin mixture) of microspheres to the catalyzed resin mixture;

slowly mixing the microspheres and the catalyzed resin mixture to form a catalyzed base material having a viscosity of about 950×10^6 cps to about 1590×10^6 cps to form a catalyzed base material;

adding at least one additive to the catalyzed base material; and

lightly mixing the additive and catalyzed base material to form a catalyzed artificial stone mixture, wherein the additive is non-homogeneously distributed in the

Appl. No.: 10/611,581

Response to Office communication dated: 6/15/2006

Attorney Docket: CREATK/101/US

catalyzed artificial stone mixture and the artificial stone material closely approximates the look of natural stone.

11. (original) The artificial stone product of claim 10 wherein the thermoset resin is an orthophthalate polyester resin, and comprising about 28 percent to about 39 percent microspheres (by weight of resin), iron black dry temper, light buff dry temper and wood ash, wherein the artificial stone material has the appearance of natural grey field stone.

12. (original) The artificial stone product of claim 10 comprising about 33 percent to about 40 percent microspheres (by weight of resin), iron black dry temper, light buff dry temper and wood ash, wherein the artificial stone material has the appearance of red-brown sandstone.

13. cancelled

14. cancelled

15. cancelled

16. cancelled

17. cancelled

18. (previously presented) The artificial stone material of claim 10 wherein the catalyzed artificial stone mixture has randomly oriented veins of additives.

19. (currently amended) The artificial stone material of claim 10 wherein the catalyzed base material is a substantially homogeneous mixture of microspheres and catalyzed resin.